

FUJI HEAVY INDUSTRIES, LTD.

EXECUTIVE ORDER A-002-0140-1

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 & 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED:

That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	TEST GROUP	VEHICLE TYPE		EXHAUST EMISSION STANDARD CATEGORY		IL LIFE les)	COM (*=N/A (A/E=(RMEDIATE I-USE PLIANCE or full in-use; oxh. / evap. diate in-use)	FUEL TYPE	
0000	AC IVAGO EDDA	December Con		V II" Low Emission hicle (LEV II LEV)	EXH / ORVR	EVAP	EXH	EVAP	Gasoline	
2006	6FJXV02.5PRA	Passenger Car	Ve	incle (EEV II EEV)	120K 150K		А	E	Casoline	
No.	ECS & S	SPECIAL FEATURES	圍	EVAPORATIVE	FAMILY (EV	AF)		DISPLACI	EMENT (L)	
1	TWC(2), HAFS, HO		6FJXR01253BG							
*	*				131	2.5				
*	*			*				2.5		
*		*		¥	•					

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

BE IT FURTHER RESOLVED:

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's "NMOG Fleet Average" (PC or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

BE IT FURTHER RESOLVED:

That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

This Executive Order hereby supersedes Executive Order A-002-0140 dated May 2, 2005.

Executed at El Monte, California on this 2320 day of June 2005.

Allen Lyons, Chief

Mobile Source Operations Division

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMOG FLEET NMOG @ I AVERAGE [g/mi] CH4 RAI				HCHO=form	aldehyde: P	M=particulate	matter; RA	F=reactivity a	idjustment fa	ctor; 2/3 D [g/	test]=2/3 day	NOx=oxides of diurnal+ ram: mo=millio			
CERT	STD	NMOG	NMHC	NMHC STD	mi=mile; K=	ւ լց/ույ–run: :1000 miles;	F=degrees F	ahrenheit; S	nental federa	refueling vapor recovery; g=gram; mg=milligram eral test procedure					
		CERT	CERT	[g/mi]	00 [g/mi]	NOx	g/mi]	HCHO	[mg/mi]	PM [g/mi]	Hwy NO		
0.066	0.046	[g/mi]	[g/mi]	[8,111]	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
7,175	@ 50K	0.009	*	0.075	0.4	3.4	0.02	0.05	0.4	15.	*	*	0.003	0.07	
	@ UL	0.010	•	0.090	0.5	4.2	0.02	0.07	1.0	18.	*	+	0.003	0.09	
2.F @	50°F & 4K	0.054	*	0.150	1.3	3.4	0.01	0.05	0.5	30.	*	*	*	*	

CO [g/mi]		St. 00.00		NMHC+NOx [g/mi] (composite)		CO [g/mi] (composite)		NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
	0°F & 50K	#W28228		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
CERT	4.7		SFTP @ 4000 miles	+	•	*	*	0.02	0.14	3.0	8.0	0.02	0.20	1.4	2.7
STD	10.0		SFTP @ * miles	*	*	*	*	*	*	*	*	*	*	•	*

Evaporative Family	3-Days Diurnal + Hot Soak (grams/test) @ UL		2-Days Diurn (grams/te		Runnin (grams/m		On-Board Refueling Vapor Recovery (grams/gallon) @ UL		
•	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
6FJXR01253BG	0.34	0.50	0.49	0,65	0.00	0.05	0.02	0.20	
*	•	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	

* = not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air- fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG= compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel

2006 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	IN- COMP (*=N/A or A/E=ex	MEDIATE USE LIANCE full in-use; h. / evap. late in-use)	PHASE-IN STD.	OBD II
					EXH	EVAP		
SUBARU	FORESTER 2.5XT	6FJXR01253BG	1	2.5	Α	E	SFTP	Full
SUBARU	IMPREZA 4D WRX	6FJXR01253BG	1	2.5	A	E	SFTP	Full
SUBARU	IMPREZA WAGON WRX	6FJXR01253BG	1	2.5	Α	E	SFTP	Fuli
SAAB	9-2X WAGON AERO	6FJXR01253BG	1	2.5	A	E	SFTP	Full